

att Ile	gca Ala	aca Thr	act Thr	gga Gly 165	aga Arg	ccc Pro	gga Gly	cct Pro	gta Val 170	ttg Leu	att Ile	gat Asp	att Ile	ccg Pro 175	aaa Lys	528
gat Asp	gta Val	gca Ala	aca Thr 180	att Ile	gaa Glu	gga Gly	gaa Glu	ttc Phe 185	agc Ser	tac Tyr	gat Asp	cat His	gag Glu 190	atg Met	aat Asn	576
ctc Leu	ccg Pro	gga Gly 195	tac Tyr	cag Gln	ccg Pro	aca Thr	aca Thr 200	gag Glu	ccg Pro	aat Asn	tat Tyr	ttg Leu 205	cag Gln	atc Ile	cgc Arg	624
aag Lys	ctt Leu 210	gtg Val	gaa Glu	gcc Ala	gtg Val	agc Ser 215	agt Ser	gcg Ala	aaa Lys	aaa Lys	ccg Pro 220	gtg Val	atc Ile	ctg Leu	gcg Ala	672
ggc Gly 225	gcg Ala	ggc Gly	gta Val	ctg Leu	cac His 230	gga Gly	aaa Lys	gcg Ala	tca Ser	gaa Glu 235	gaa Glu	tta Leu	aaa Lys	aat Asn	tat Tyr 240	720
gct Ala	gaa Glu	cag Gln	cag Gln	caa Gln 245	atc Ile	cct Pro	gtg Val	gca Ala	cac His 250	acc Thr	ctt Leu	ttg Leu	ggg Gly 255	ctc Leu	gga Gly	768
ggc Gly	ttc Phe	ccg Pro	gct Ala 260	gac Asp	cat His	ccg Pro	ctt Leu	ttc Phe 265	cta Leu	ggg Gly	atg Met	gcg Ala	gga Gly 270	atg Met	cac His	816
ggc Gly	act Thr 275	tat Tyr	aca Thr	gcc Ala	aat Asn	atg Met	gcc Ala 280	ctt Leu	cat His	gaa Glu	tgt Cys	gat Asp 285	cta Leu	tta Leu	atc Ile	864
agt Ser	atc Ile 290	ggc Gly	gcc Ala	cgt Arg	ttt Phe	gat Asp 295	gac Asp	cgt Arg	gtc Val	aca Thr 300	gga Gly	aac Asn	ctg Leu	aaa Lys	cac His	912
ttt Phe 305	gcc Ala	aga Arg	aac Asn	gca Ala	aag Lys 310	ata Ile	gcc Ala	cac His	atc Ile	gat Asp 315	att Ile	gat Asp	cca Pro	gct Ala	gaa Glu 320	960
atc Ile	gga Gly	aaa Lys	atc Ile	atg Met 325	aaa Lys	aca Thr	cag Gln	att Ile	cct Pro 330	gta Val	gtc Val	gga Gly	gac Asp	agc Ser 335	aaa Lys	1008
att Ile	gtc Val	ctg Leu	cag Gln 340	gag Glu	ctg Leu	atc Ile	aaa Lys	caa Gln 345	gac Asp	ggc Gly	aaa Lys	caa Gln	agc Ser 350	gat Asp	tca Ser	1056
agc Ser	gaa Glu	tgg Trp 355	aaa Lys	aaa Lys	cag Gln	ctc Leu	gca Ala 360	gaa Glu	tgg Trp	aaa Lys	gaa Glu 365	gag Glu	tat Tyr	ccg Pro	ctc Leu	1104
tgg Trp	tat Tyr 370	gta Val	gat Asp	aat Asn	gaa Glu	gaa Glu 375	gaa Glu	ggc Gly	ttt Phe	aaa Lys	cct Pro 380	cag Gln	aaa Lys	ttg Leu	att Ile	1152
gaa Glu 385	tat Tyr	att Ile	cat His	caa Gln	ttt Phe 390	aca Thr	aaa Lys	gga Gly	gag Glu	gcc Ala 395	att Ile	gtc Val	gca Ala	acg Thr	gat Asp 400	1200
gta	ggc	cag	cat	caa	atg	tgg	tca	gcg	caa	ttt	tat	ccg	ttc	caa	aaa	1248

Gln Gly Ala Ile His Ala Ala Glu Gly Tyr Ala Arg Val Ser Gly Lys
 65 70 75 80
 Pro Gly Val Val Ile Ala Thr Ser Gly Pro Gly Ala Thr Asn Leu Val
 85 90 95
 Thr Gly Leu Ala Asp Ala Met Ile Asp Ser Leu Pro Leu Val Val Phe
 100 105 110
 Thr Gly Gln Val Ala Thr Ser Val Ile Gly Ser Asp Ala Phe Gln Glu
 115 120 125
 Ala Asp Ile Leu Gly Ile Thr Met Pro Val Thr Lys His Ser Tyr Gln
 130 135 140
 Val Arg Gln Pro Glu Asp Leu Pro Arg Ile Ile Lys Glu Ala Phe His
 145 150 155 160
 Ile Ala Thr Thr Gly Arg Pro Gly Pro Val Leu Ile Asp Ile Pro Lys
 165 170 175
 Asp Val Ala Thr Ile Glu Gly Glu Phe Ser Tyr Asp His Glu Met Asn
 180 185 190
 Leu Pro Gly Tyr Gln Pro Thr Thr Glu Pro Asn Tyr Leu Gln Ile Arg
 195 200 205
 Lys Leu Val Glu Ala Val Ser Ser Ala Lys Lys Pro Val Ile Leu Ala
 210 215 220
 Gly Ala Gly Val Leu His Gly Lys Ala Ser Glu Glu Leu Lys Asn Tyr
 225 230 235 240
 Ala Glu Gln Gln Gln Ile Pro Val Ala His Thr Leu Leu Gly Leu Gly
 245 250 255
 Gly Phe Pro Ala Asp His Pro Leu Phe Leu Gly Met Ala Gly Met His
 260 265 270
 Gly Thr Tyr Thr Ala Asn Met Ala Leu His Glu Cys Asp Leu Leu Ile
 275 280 285
 Ser Ile Gly Ala Arg Phe Asp Asp Arg Val Thr Gly Asn Leu Lys His
 290 295 300
 Phe Ala Arg Asn Ala Lys Ile Ala His Ile Asp Ile Asp Pro Ala Glu
 305 310 315 320
 Ile Gly Lys Ile Met Lys Thr Gln Ile Pro Val Val Gly Asp Ser Lys
 325 330 335
 Ile Val Leu Gln Glu Leu Ile Lys Gln Asp Gly Lys Gln Ser Asp Ser
 340 345 350
 Ser Glu Trp Lys Lys Gln Leu Ala Glu Trp Lys Glu Glu Tyr Pro Leu
 355 360 365
 Trp Tyr Val Asp Asn Glu Glu Glu Gly Phe Lys Pro Gln Lys Leu Ile
 370 375 380

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